



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/996,128

Source: OIPE

Date Processed by STIC: 12/6/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/996,128

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☐ Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 ☐ Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☒ Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☐ Use of <220> Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/996,128

DATE: 12/06/2001

TIME: 11:42:50

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\12062001\I996128.raw

Does Not Comply
Corrected Diskette Needed*Errors on pp. 1,3*

3 <110> APPLICANT: Houghton, Alan
 4 Bergman, Phillip
 5 Wolchok, Jedd
 7 <120> TITLE OF INVENTION: Compositions for treatment of Melanoma and Methods of Using
 Same
 9 <130> FILE REFERENCE: MSK.P-026-3
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/996,128
 C--> 11 <141> CURRENT FILING DATE: 2001-11-27
 11 <150> PRIOR APPLICATION NUMBER: US 09/627,694
 12 <151> PRIOR FILING DATE: 2000-07-28
 14 <150> PRIOR APPLICATION NUMBER: US 09/308,697
 15 <151> PRIOR FILING DATE: 1999-05-21
 17 <150> PRIOR APPLICATION NUMBER: PCT/US97/22669
 18 <151> PRIOR FILING DATE: 1997-12-10
 20 <150> PRIOR APPLICATION NUMBER: US 60/036,419
 21 <151> PRIOR FILING DATE: 1997-02-18
 23 <150> PRIOR APPLICATION NUMBER: US 60/032,535
 24 <151> PRIOR FILING DATE: 1996-12-10
 26 <150> PRIOR APPLICATION NUMBER: US 60/180,651
 27 <151> PRIOR FILING DATE: 2000-01-26
 29 <160> NUMBER OF SEQ ID NOS: 2
 31 <170> SOFTWARE: PatentIn version 3.0
 33 <210> SEQ ID NO: 1
 34 <211> LENGTH: 6408
 35 <212> TYPE: DNA
 36 <213> ORGANISM: synthetic construct
 38 <400> SEQUENCE: 1

*invalid response, see error summary sheet
item 10*

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RAW SEQUENCE LISTING

DATE: 12/06/2001

PATENT APPLICATION: US/09/996,128

TIME: 11:42:50

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Output Set: N:\CRF3\12062001\I996128.raw

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Some error

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Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\12062001\I996128.raw

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328	tcttaccggg	ttggactcaa	gacgatagtt	accggataag	gcgcagcggg	cggtctgaac	2100
330	gggggggtcg	tgcacacagc	ccagcttgga	gcgaacgacc	tacaccgaac	tgagatacct	2160
332	acagcgtgag	ctatgagaaa	gcgccacgct	tcccgagggg	agaaaggcgg	acaggatatcc	2220
334	ggtgaagcgg	agggtcggaa	caggagagcg	cacgagggag	cttccagggg	gaaacgcctg	2280
336	gtatctttat	agtcctgtcg	ggtttcgcca	cctctgactt	gagcgtcgat	ttttgtgatg	2340
338	ctcgtcaggg	gggcggagcc	tatggaaaaa	cgccagcaac	gcggcctttt	tacggttctt	2400
340	ggccttttgc	tgcccttttg	ctcacatgtt	ctttcctgcg	ttatcccctg	attctgtgga	2460
342	taaccgtatt	accgccatgc	attagttatt	aatagtaatc	aattacgggg	tcattagttc	2520
344	atagcccata	tatggagtgc	cgcgttacat	aacttacggt	aaatggcccg	cctggctgac	2580
346	cgcccaacga	ccccgcgcca	ttgacgtcaa	taatgacgag	atctgatata	ggtgacagac	2640
348	gatatgaggc	tatatgcgag	atagaggcga	catcaagctg	gcacatggcc	aatgcataac	2700
350	gatctataca	ttgaatcaat	attggcaatt	agccatatta	gtcattgggt	atatagcata	2760
352	aatcaatatt	ggctattggc	cattgcatac	gttgatctta	tatcataata	tgtacattta	2820
354	tattggctca	tgtccaatat	gacggccatg	ttgacattga	ttattgacta	gttattaata	2880
356	gtaatcaatt	acggggtcat	tagttcatag	cccatatatg	gagttccgcg	ttacataact	2940
358	tacggtaaat	ggcccgcctg	gotgacgcgc	caacgacccc	cgccatttga	cgtcaatgat	3000
360	gacgtatgtt	cccatagtaa	cgccaatagg	gaactttccat	tgacgtcaat	gggtggagta	3060
362	tttacggtaa	actgcccact	tggcagtaca	tcaagtgtat	catatgccaa	gtccgcccc	3120
364	tattgacgtc	aatgacggta	aatggcccgc	ctggcattat	gcccagtaca	tgaccttacg	3180
366	ggactttcct	acttggcagt	acatctacgt	attagtcatc	gctattacca	tggtgatgcg	3240
368	gttttggcag	tacaccaatg	ggcgtggata	gcggtttgac	tcacggggat	ttccaagtct	3300
370	ccaccccat	gacgtcaatg	ggagtgtgtt	ttggcaccaa	aatcaacggg	actttccaaa	3360

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/996,128

DATE: 12/06/2001

TIME: 11:42:50

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\12062001\I996128.raw

372	atgtcgtaat	aaccccgccc	cgttgacgca	aatgggcggt	aggcgtgtac	ggtgggaggt	3420
374	ctatataagc	agagctcggt	tagtgaaccg	tcagatcgcc	tggagacgcc	atccacgctg	3480
376	ttttgacctc	catagaagac	accgggaccg	atccagcctc	cgcggccggg	aacggtgcat	3540
378	tggaaacgcg	attccccgtg	ccaagagtga	cgtaagtacc	gcctatagac	tctataggca	3600
380	cacccctttg	gctcttatgc	atgctatact	gtttttggct	tggggcctat	acacccccgc	3660
382	ttccttatgc	tataggtgat	ggtatagctt	agcctatagg	tgtgggttat	tgaccattat	3720
384	tgaccactcc	cctattgggtg	acgatacttt	ccattactaa	tccataacat	ggctctttgc	3780
386	cacaactatc	tctattggct	atatgccaat	actctgtcct	tcagagactg	acacggactc	3840
388	tgtattttta	caggatgggg	tcccatttat	tatttacaaa	ttcacatata	caacaacgcc	3900
390	gtcccccggtg	cccgagttt	ttattaaaca	tagcgtggga	tctccacgcg	aatctcgggt	3960
392	acgtgttccg	gacatgggct	cttctccggg	agcggcggag	cttccacatc	cgagccctgg	4020
394	tcccatgcct	ccagcggctc	atggctgcct	ggcagctcct	tgtcctaac	agtggaggcc	4080
396	agacttaggc	acagcacaat	gcccaccacc	accagtgtgc	cgcacaaggc	cgtggcggtg	4140
398	gggtatgtgt	ctgaaaatga	gctcggagat	tgggctcgca	ccgctgacgc	agatggaaga	4200
400	cttaaggcag	cggcagaaga	agatgcaggc	agctgagttg	ttgtattctg	ataagagtca	4260
402	gaggtaaactc	ccgttgccgt	gctgttaacg	gtggagggca	gtgtagtctg	agcagtactc	4320
404	gttgctgccg	cgcgcgccac	cagacataat	agctgacaga	ctaacagact	gttcccttcc	4380
406	atgggtcttt	tctgcagtea	ccgtccacgc	gttaatacga	ctcactatag	ggagacccaa	4440
408	gctggctagc	gtttaaactt	aagcttggtg	ccgagctcgg	atccactagt	ccagtgtggt	4500
410	ggaattctgt	gacactcatt	aacctattgg	tgcagatttt	gtatgatcta	aaggagaaaa	4560
412	tgttcttggc	tgttttgtat	tgccttctgt	ggagtttcca	gatctctgat	ggccatttcc	4620
414	ctcgagcctg	tgcctcctct	aagaacttct	tggcaaaaga	atgctgcca	ccatggatgg	4680
416	gtgatgggag	tccctgcggc	cagcttccag	gcagaggttc	ctgccaggat	atccttctgt	4740
418	ccagtgcacc	atctggacct	cagttccctt	tcaaaggggg	ggatgaccgt	gagtcctggc	4800
420	cctctgtgtt	ttataatagg	acctgccagt	gctcaggcaa	cttcatgggt	ttcaactgcg	4860
422	gaaactgtaa	gtttggattt	gggggccccaa	attgtacaga	gaagcgagtc	ttgattagaa	4920
424	gaaacatttt	tgatttgagt	gtctccgaaa	agaataagtt	cttttcttac	ctcactttag	4980
426	caaaacatac	tatcagctca	gtctatgtca	tccccacagg	cacctatggc	caaatgaaca	5040
428	atgggtcaac	acccatgttt	aatgatatac	acatctacga	cctctttgta	tggatgcatt	5100
430	actatgtgtc	aagggaacaca	ctgcttgggg	gctctgaaat	atggagggac	attgattttg	5160
432	cccatgaagc	accagggttt	ctgccttggc	acagactttt	cttggtattg	tgggaacaag	5220
434	aaattcgaga	actaactggg	gatgagaact	tcactgttcc	atactgggat	tggagagatg	5280
436	cagaaaactg	tgacatttgc	acagatgagt	acttgggagg	tgcgcacct	gaaaatccta	5340
438	acttactcag	cccagcatcc	ttcttctcct	cctggcagat	catttgtagc	agatcagaag	5400
440	agtataatag	ccatcagggt	ttatgcgatg	gaacacctga	gggaccacta	ttacgtaatc	5460
442	ctggaaacca	tgacaaagcc	aaaacccccca	ggctcccatc	ttcagcagat	gtggaatttt	5520
444	gtctgagttt	gaccacgtat	gaatctggat	caatggatag	aactgccaat	ttcagcttta	5580
446	gaaacacact	ggaaggattt	gccagtcac	tcacagggat	agcagatcct	tctcaaagta	5640
448	gcatgcacaa	tgccttacat	atctttatga	atggaacaat	gtcccaagta	cagggatcgg	5700
450	ccaacgatcc	catttttctt	cttcaccatg	cttttgtgga	cagtattttt	gaacaatggc	5760
452	tgcgaaggca	ccgcccctct	ttggaagttt	accagaagc	caatgcacct	atcggccata	5820
454	acagagactc	ttacatgggt	cctttcatac	cgctctatag	aaatgggtgat	ttcttcataa	5880
456	catccaagga	tctgggatat	gactacagct	acctccaaga	gtcagatcca	ggcttttaca	5940
458	gaaattatat	tgagccttac	ttggaacaag	ccagtcgtat	ctggccatgg	cttcttgggg	6000
460	cagcactggg	gggagctggt	attgctgcag	ctctctctgg	gcttagcagt	aggctatgcc	6060
462	ttcagaagaa	gaagaagaag	aagcaacccc	aggaggaaag	gcagccactc	ctcatggaca	6120
464	aagacgacta	ccacagcttg	ctgtatcaga	gccatctgtg	aacatcctag	gaaacagagt	6180
466	gggactgaaa	ggttttacct	cactcgacct	atttggtggg	gtttctacaa	atttaaacta	6240
468	gtataaaaca	tagaccatag	ctggttggct	ttttttcaga	cccatgtttt	ttcctaagtc	6300

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/996,128

DATE: 12/06/2001

TIME: 11:42:51

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\12062001\I996128.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date